Eng. hib.

## AGRICULTURAL ENGINEERING

The Journal of the

American Society of Agricultural Engineers

## Index to Volume 4—January to December, 1923

<b>1923</b>	PAS	Dusting Machinery for Boll Weevil Con- trol, Development of (Elmer Johnson)	51	Machinery (Mechanical Equipment) (See also Plows; Pumps; Manure	
January 1- February 17-	16	Dynamometer for Testing Horses, A New	123	Spreaders: Tractors) Research, 1922 (R. W. Trullinger) Development of dusting machinery for	41
March 33- April 49-	48	Edick, G. L.—Some factors in scientific	139	boll weevil control (Elmer Johnson) How field experiences should influence the design of farm machines (G. B.	51
May 65- June 81-1		Educational	100	A man canot afford to compete with	71
July 105-1 August 121-1		(See also Teaching) Degree Course in agricultural engineering (E. A. Stewart)	11	machinery (B. Youngblood)  Manger Form Standards (Recommenda-	7.5
September 137-1 October 153-1		Ekblaw, K. J. T Building the modern		tions )  Manufacture of Food Products on the	29
November 169-1 December 185-2		farm home Electricity	1.0	Farm (L. J. Fletcher)	191
Agricultural Engineering (Agricultural Engineer)		The problems of electrical energy use on the farm (J. C. Martin) Conference on the relation of electricity	21	Manure Spreaders Preservation of soil fertility an engineering problem (C. C. Hermann)	19
Research in agricultural engineering, 1922 (R. W. Trullinger) Agriculture and the agricultural engi-			62 166	Martin, J. C.—The problems of electrical energy use on the farm	21
neer (Samuel Fortier) Agricultural engineering development in Virginia (C. E. Seitz) Agricultural engineering and the Amer-	55 58	Conditions for supplying electric service to rural consumers (E. A. Stewart) Efficiency of storage batteries (A. G.	171 176	Materials Research, 1922 (R. W. Trullinger)	61
ican Society of Agricultural Engineers	155	Elliott, G. R. B.—Experiences in the first breaking of peat lands	83	Meetings (A.S.A.E.) The 16th annual meeting The Pacific Coast meeting Second Pacific Coast meeting	13 48 151
gines, Efficiency of Dust Separation in (A. H. Hoffman) 89,	109	Farm Machinery (See Machinery) Farm Structures (See Buildings)		The 17th annual meeting	199
American Society of Agricultural Engineers The president's annual address, 1922		Farmstead Arrangement (O. L. Polk)	23	Plows (Plowing)  Experiences in the first breaking of peat lands (G. R. B. Elliot and J. L. Larson)	\$3
(A. J. R. Curtis) Aims and objectives of the A.S.A.E. for 1923 (E. W. Lehmann)	3	Fletcher, L. J.—Manufacture of food products on the farm	191	Polk, O. L.—Farmstead arrangement	23
Agricultural engineering and the Amer- ican Society of Agricultural Engineers (R. W. Trullinger)	155	Fortier, Samuel—Agriculture and the agricultural engineer  Gilmore, W. J.—Standardization of farm	55	Powers, W. L.—Drainage and supplemental irrigation for the Willamette Valley in Oregon	125
The president's annual address, 1923 (E. W. Lehmann)	192	motors courses	8	Pumps Used in Cranberry Growing, Tests of Low Lift (C. I. Gunness)	37
(See also Roofs) Some factors in scientific dairy barn design (M. A. R. Kelley and G. L.		Gunlogson, G. B.—How field experience should influence the design of farm machines	71	Reclamation, Land (See also Clearing; Drainage; Erosion; Irrigation)	
Edick)	139 194	Gunness, C. I.—Tests of low lift pumps used in cranberry growing.	37	Research in agricultural engineering.	
Blue Print Service, Standardization of Boll Weevil Control, Development of Dusting Machinery for (Elmer John-	1172	Hansen, Joanna M.—How to make the farm house a home	24	Roe, H. B.—Comparison of cost of tile drainage and value of improved farm	, 61
son)  Brown, Theo—Standardization in the im-	51	Herman, C. C.—Preservation of soil fer- tility an engineering problem	19	lands in Minnesota Roofs	67
plement industry Buildings	177	Hoffman, Λ. H.—Efficiency of dust separation in air cleaners for internal-combustion engines S),	109	Tests of self-supporting barn roofs (A. W. Clyde)	107
(See also Barns; Materials; Roofs; Structural Equipment) How to make the farm house a home		Horses, A New Dynamometer for Test- ing (E. V. Collins)	123	Rural Electrification (See Electricity) Sanitation (See Sewage Disposal; Ven-	
(J. M. Hansen) New ideas in the group planning of farm buildings (F. W. Ives) Research, 1922 (R. W. Trullinger)	24	Irrigation Research, 1922 (R. W. Trullinger)	46	tilation; Water Supply)	
Building the modern farm home (K. J.	45	Drainage and supplemental irrigation for the Willamette Valley in Oregon	4.0=	Seitz, Chas, E.—Agricultural engineering development in Virginia	58
T. Ekblaw)  Clearing, Land Research, 1922 (R. W. Trullinger)	73 61	(W. L. Powers)  Ives, F. W.—New ideas in the group planning of farm buildings	125	Sewage Disposal Research, 1922 (R. W. Trullinger) Flow characteristics of household sew- age from the isolated home (H. B.	46
Clyde, A. WTests of self-supporting barn roofs	107	Johnson, Elmer—Development of dusting machinery for boll weevil control	51	Walker)	159
Collins, E. V.—A new dynamometer for testing horses	123	Kelley, M. A. R.—Some factors in scientific dairy barn design	139	Recommendations for manger form and litter carrier standards Recommended A.S.A.E. tractor testing	-39
Colonization, Land Land utilization in the U. S. (David	150	Land Clearing (See Clearing)		and rating code Standardization in the implement industry (Theo Brown)	29 177
Weeks) Curtis, A. J. R.—The president's annual		Land Reclamation (See Reclamation)  Land Utilization (See Colonization)		Intra-company standardization and its relation to general standardization (E. A. Johnston and O. B. Zimmer-	3
address Drainage	:3	Larson, J. L.—Experiences in the first breaking of peat lands	83	man) Standardization of blue print service	187 194
Research, 1922 (R. W. Trullinger) Comparison of cost of tile drainage and value of improved farm lands in Min-	45	Lehmann, E. W.— Aims and objectives of the A.S.A.E. for 1923	6	Stewart, E. A.—Degree course in agricul- tural engineering Conditions for supplying electric service	11
nesota (H. B. Roe) Drainage and supplemental irrigation for the Willamette Valley in Oregon (W. L. Powers)	125	The president's annual address  Litter Carrier Standards (Recommendations)	192	Structural Equipment Recommendations for manger form and	
			-	litter carrier standards	29

Teaching (See also Educational) Standardization of farm motors courses (W. J. Gilmore)  8 Thomas, W. S.—The tractor's place in hay making	The tractor's place in hay making (W. S. Thomas)  Trullinger, R. W.— Research in agricultural engineering Agricultural engineering and the American Society of Agricultural Engineers  154	Water Supply Research, 1922 (R. W. Trullinger) Weeks, David—Land Utilization in the United States  Wbltnah, C. S.—Ventilation for potato storage
Tractors The use of tractors for snow removal (E. R. Wiggins) 27	Tyler, A. GEfficiency of storage batteries 176	Wiggins, E. R.—The use of tractors for snow removal 27
Recommended A.S.A.E. tractor testing and rating code 29	Ventilation for Potato Storage (C. S. Whitnah)	Youngblood, B.—A man cannot afford to compete with machinery 77
Efficiency of dust separation in air cleaners for internal-combustion engines (A. H. Hoffman) 89, 109	Walker, H. B.—Flow characteristics of household sewage from the isolated home 159	Zimmerman, O. B.—Intra-company stand- ardization and its relation to general standardization 187

